

ATTACHMENT 5



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

January 6, 2012

Mark Kiburz
Infinigy Engineering
11 Herbert Drive
Latham NY 12110
mkiburz@infinigy.com

Re: Installation of a 150' Self Supporting Telecommunications Facility on Watertown Bassett Road in Watertown, Connecticut
Natural Diversity Data Base # 201200038

Dear Mr. Kiburz:

I have reviewed Natural Diversity Data Base maps and files regarding the area delineated on the map you provided for the proposed self supporting cell tower on Watertown Bassett Road in Watertown. According to our records, the following extant populations of species on or within the vicinity of the site (Connecticut General Statute section 26-306):

American kestrel (*Falco sparverius*) Status: Threatened Species

Bobolink (*Dolichonyx oryzivorus*) Status: Species of Special Concern

Eastern meadowlark (*Sturnella magna*) Status: Species of Special Concern

These bird species inhabit grassland areas (woodland edges, open fields). Upon review of the application, the wireless communication tower facility is going to be placed in forest habitat. Therefore, the proposed project will not impact the grassland birds.

The Natural Diversity Data Base includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey and cooperating units of DEEP, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the Data Base should not be substituted for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated into the Data Base as it becomes available. If the project is not implemented within 12 months, then another Natural Diversity Data Base review should be requested for up-to-date information. Thank you for consulting the Natural Diversity Data Base. If you have any additional questions, please feel free to contact me at Elaine.Hinsch@po.state.ct.us.

Sincerely,

Elaine Hinsch
Program Specialist II
Wildlife Division

cc: B. Golembiewski, DEEP Office of Planning and Program Development



Request for Natural Diversity Data Base (NDDB) State Listed Species Review

All requesters must completely fill out Parts I - VII of this form and submit Attachments A and B, or the request will be rejected as incomplete.
There are no fees associated with NDDB Reviews.

| DEP USE ONLY | |
|----------------|------------------------|
| Request No. | _____ |
| Hardcopy _____ | Electronic files _____ |

Part I: Preliminary Screening

Before submitting this request, you must review the Natural Diversity Data Base "State and Federal Listed Species and Significant Natural Communities Maps" found on the [DEP website](#). Follow the instructions on the map or in this form's instruction document. These maps are updated twice a year, usually in June and December.

Does your site, including all affected areas, meet the screening criteria according to the instructions:

Yes No

Enter the date of the map reviewed for pre-screening: December 2011 Map#ND153 (Watertown)

Part II: Requester Information

If the requester is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of State. If applicable, the company name shall be stated **exactly as it is registered with the Secretary of State.*

If the requester is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).

1. Requester Company Name*: **Infinigy Engineering**

Name: **Mark Kiburz**

Address: **11 Herbert Drive**

City/Town: **Latham**

State: **NY**

Zip Code: **12110**

Business Phone: **5186900790**

ext.

Fax: **5186900793**

Requester can best be described as:

Business Entity Federal Agency Municipal govt. State agency Individual
 Tribe Other (specify):

Acting as (Affiliation), pick one:

Property owner Consultant Engineer Facility owner Applicant
 Biologist Pesticide Applicator Other representative (specify):

2. List Primary Contact to receive Natural Diversity Data Base correspondence and inquiries, if different from requester.

Company: **Infinigy Engineering**

Contact Person: **Mark Kiburz**

Title: **Wetland Ecologist**

Mailing Address: **11 Herbert Drive**

City/Town: **Latham**

State: **NY**

Zip Code: **12110**

Business Phone: **518-339-8765**

ext.

Fax: **518-690-0793**

Email: **mkiburz@infinigy.com**

Part II: Requester Information (continued)

Affiliation of primary contact, check one: Property owner Consultant Engineer
 Facility owner Applicant Biologist Pesticide Applicator
 Other representative (specify):

3. Project Type:

Choose Project Type: Cellular/Communications tower installation/maint. , If other describe: _____

Part III: Site Information

This request can only be completed for one site. A separate request must be filed for each additional site.

1. Site Location

Site Name or Project Name: **Watertown Bassett Road**

Town(s): **Watertown**

Street Address or Location Description:

North of the Bassett Road and Linkfield Road intersection

Size in acres, or site dimensions: **<2 acres**

Latitude and longitude of the center of the site in decimal degrees (e.g., 41.23456 -71.68574):

Latitude: **41°39' 26.09"**

Longitude: **73°8' 9.81"**

Method of coordinate determination (check one):

GPS Photo interpolation using CTECO map viewer Other (specify): **Google Earth**

2a. Describe the current land use and land cover of the site.

access- existing road

Tower Location- Mature Forest

b. Check all that apply and enter the size in acres or % of area in the space after each checked category.

Industrial/Commercial _____ Residential _____ Forest ~1.0 ac
 Wetland _____ Field/grassland _____ Agricultural <0.5 ac
 Water _____ Utility Right-of-way _____
 Transportation Right-of-way <0.5 ac Other (specify): _____

Part IV: Project Information

1. Is the subject activity limited to the maintenance, repair, or improvement of an existing structure within the existing footprint? Yes No If yes, explain.

Part IV: Project Information (continued)

2. Give a detailed description of the activity which is the subject of this request and describe the methods and equipment that will be used.

Installation of a 150' self supporting tower with a 2,500sq ft utility compound. Access will be gained via a paper road and logging roads. An excavator will be utilized to excavate for concrete footings.

3. Provide a contact for questions about the project details if different from Part II primary contact.

Name: **Mark Kiburz**

Phone: **518-339-8765**

Email: **mkiburz@infinigy.com**

Part V: Request Type and Associated Application Type

Check *one* box from either Group 1 or Group 2, indicating the appropriate category for this request.

Group 1. If you check one of these boxes, fill out Parts I – VII of this form and submit the required attachments A and B.

- Preliminary screening was negative but an NDDB review is still requested
- Request regards a municipally regulated or unregulated activity (no state permit/certificate needed)
- Request regards a preliminary site assessment or project feasibility study
- Request relates to land acquisition or protection
- Request is associated with a *renewal* of an existing permit, with no modifications

Group 2. If you check one of these boxes, fill out Parts I – VII of this form and submit required attachments A, B, and C.

- Request is associated with a *new* state or federal permit application
- Request is associated with modification of an existing permit
- Request is associated with a permit enforcement action
- Request regards site management or planning, requiring detailed species recommendations
- Request regards a state funded project, state agency activity, or CEPA request

If you are filing this request as part of a state or federal permit application enter the application information below.

Permitting Agency and Application Name: _____

State DEP Application Number, if known: _____

State DEP Enforcement Action Number, if known: _____

State DEP Permit Analyst/Engineer, if known: _____

Is this request related to a previously submitted NDDB request? Yes No

Enter the previous NDDB Request Number(s), if known: _____

Part VI: Supporting Documents

Please check each attachment submitted as verification that *all* applicable attachments have been supplied with this request form. Label each attachment as indicated in this part (e.g., Attachment A, etc.) and be sure to include the requester's name, site name and the date. **Please note that Attachments A and B are required for all requesters.** Attachment C (DEP-APP-007C) is supplied at the end of this form.

| | |
|---|---|
| <input checked="" type="checkbox"/> Attachment A: | Overview Map: an 8 1/2" X 11" print/copy of the relevant portion of a USGS Topographic Quadrangle Map clearly indicating the exact location of the site. |
| <input checked="" type="checkbox"/> Attachment B: | Detailed Site Map: fine scaled map showing site boundary details on aerial imagery with relevant landmarks labeled. (Site boundaries in GIS [ESRI ArcView shapefile, in NAD83, State Plane, feet] format can be substituted for detailed maps, see instruction document) |
| <input type="checkbox"/> Attachment C: | Supplemental Information, Group 2 requirement (attached, DEP-APP-007C) <input type="checkbox"/> Section i: Supplemental Site Information and supporting documents <input type="checkbox"/> Section ii: Supplemental Project Information and supporting documents |

Part VII: Requester Certification

The requester *and* the individual(s) responsible for actually preparing the request must sign this part. A request will be considered incomplete unless all required signatures are provided.

| | |
|--|---|
| <p>"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief."</p> | |
|  Signature of Requester | 1/3/11 Date |
| Mark Kiburz Name of Requester (print or type) | Wetland Ecologist Title (if applicable) |
| Signature of Preparer (if different than above) | Date |
| Name of Preparer (print or type) | Title (if applicable) |

Note: Please submit the completed Request Form and all Supporting Documents to:

CENTRAL PERMIT PROCESSING UNIT
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 79 ELM STREET
 HARTFORD, CT 06106-5127

Or email request to: dep.nddbrequest@ct.gov

Attachment C: Supplemental Information, Group 2 requirement

Section i: Supplemental Site Information

1. Existing Conditions

Describe all natural and man-made features including wetlands, watercourses, fish and wildlife habitat, floodplains and any existing structures potentially affected by the subject activity. Such features should be depicted and labeled on the site plan that must be submitted. Photographs of current site conditions may be helpful to reviewers.

- Site Photographs (optional) attached**
- Site Plan/sketch of existing conditions attached**

2. Biological Surveys

Has a biologist visited the site and conducted a biological survey to determine the presence of any endangered, threatened or special concern species Yes No

If yes, complete the following questions and submit any reports of biological surveys, documentation of the biologist's qualifications, and any NDDDB survey forms.

Biologist(s) name:

Habitat and/or species targeted by survey:

Dates when surveys were conducted:

- Reports of biological surveys attached**
- Documentation of biologist's qualifications attached**
- NDDDB Survey forms for any listed species observations attached**

Section ii: Supplemental Project Information

1. Provide a schedule for all phases of the project including the year, the month and/or season that the proposed activity will be initiated and the duration of the activity.

2. Describe and quantify the proposed changes to existing conditions and describe any on-site or off-site impacts. In addition, provide an annotated site plan detailing the areas of impact and proposed changes to existing conditions.

- Annotated Site Plan attached**

Natural Diversity Data Base Areas

WATERTOWN, CT

December 2011

-  State and Federal Listed Species & Significant Natural Communities
-  Town Boundary

NOTE: This map shows general locations of State and Federal Listed Species and Significant Natural Communities. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDB) from a number of data sources. Exact locations of species have been buffered to produce the general locations. Exact locations of species and communities occur somewhere in the shaded areas, not necessarily in the center.

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas. If the project is within a shaded area; or overlapping a lake, pond or wetland that has shading; or upstream or downstream (by less than 1/2 mile) from a shaded area, the project may have a potential conflict with a listed species. For more information, complete a Request for Natural Diversity Data Base State Listed Species Review form (DEP-APP-007), and submit it to the NDDB along with the required maps and information. More detailed instructions are provided with the request form on our website.

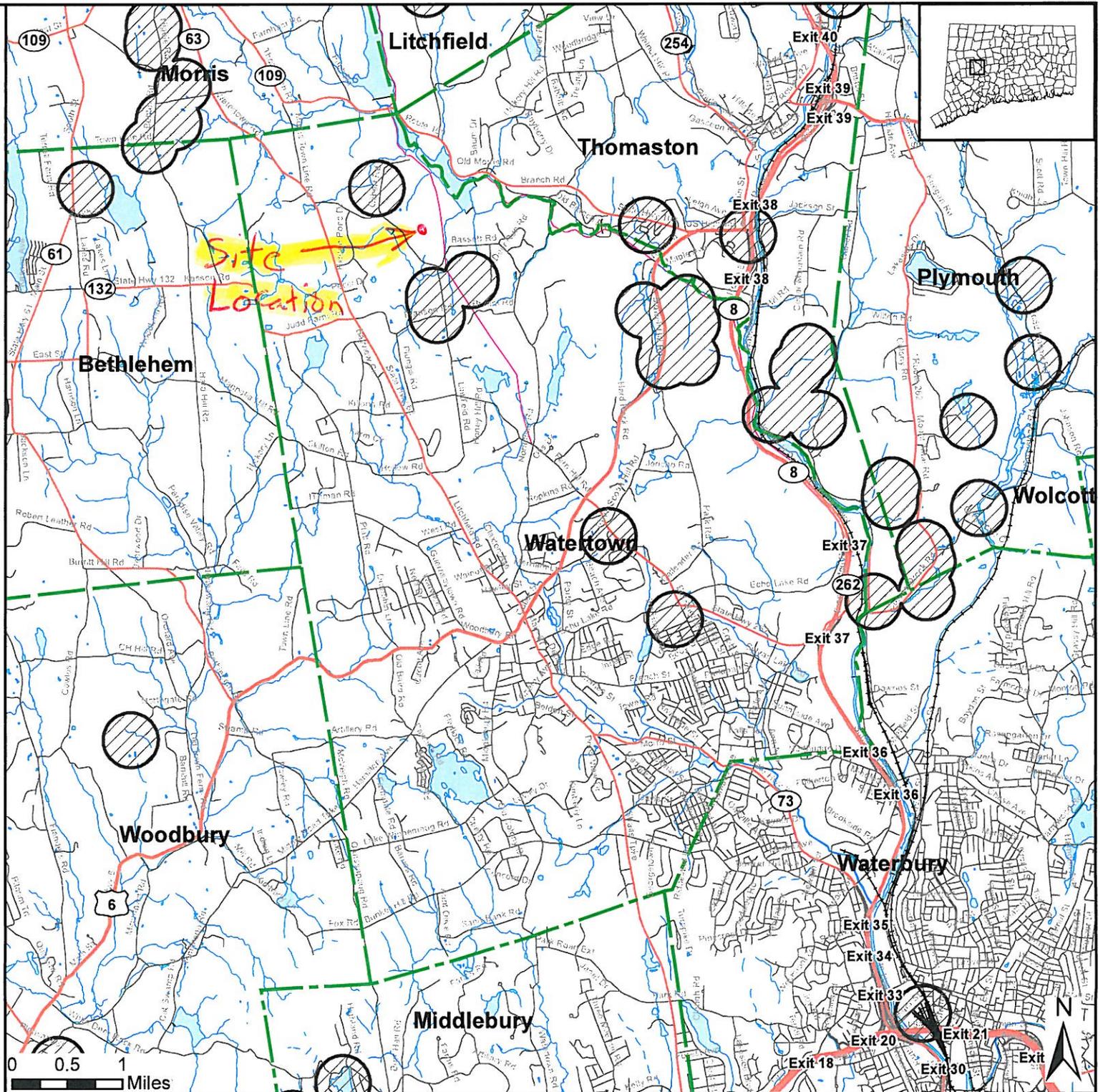
www.ct.gov/deep/nddbrequest

This file has PDF Layers. Look for the Layers tab on the left. Expand the layers and use the "eye" icons to change visibility.

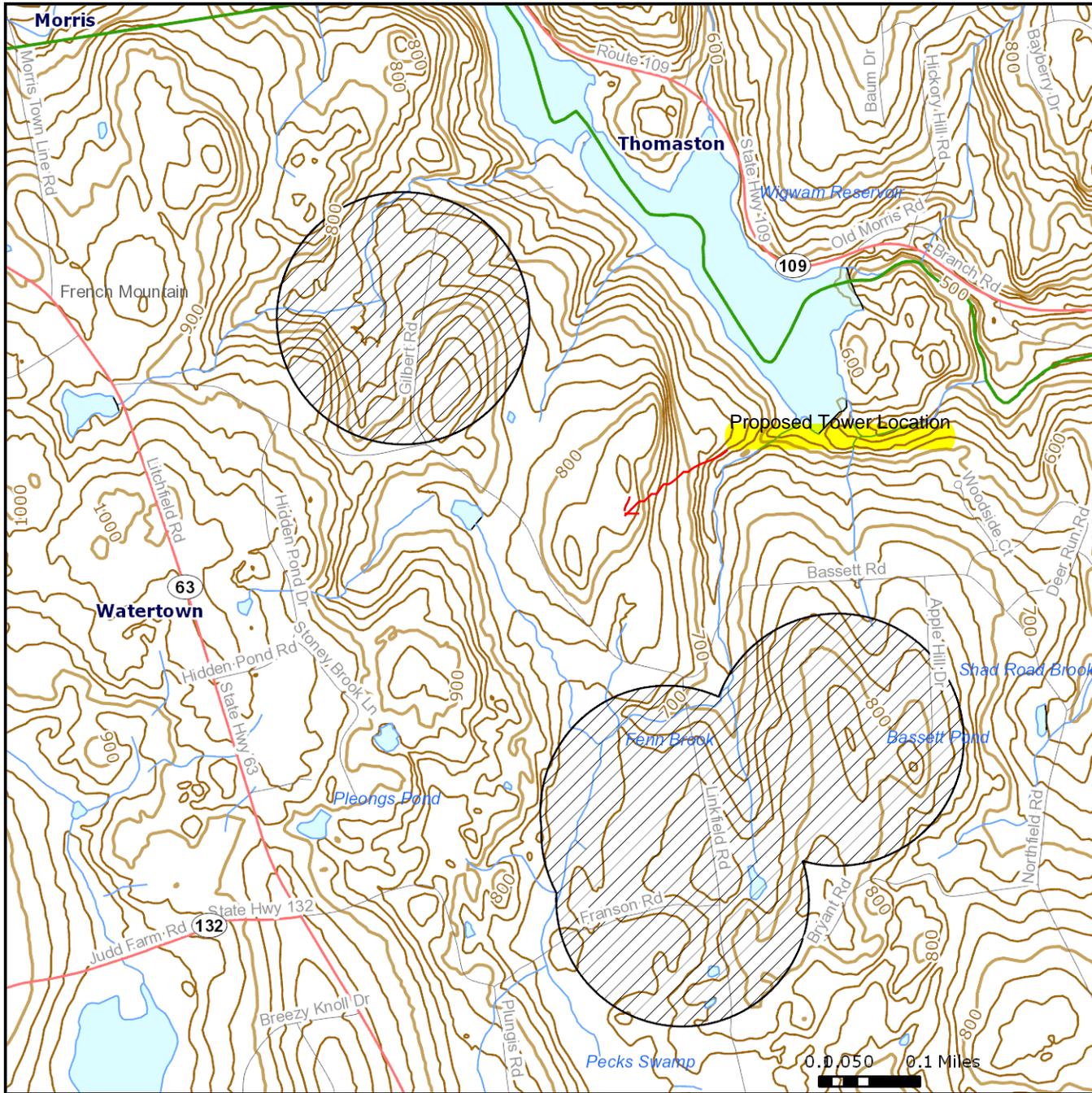
QUESTIONS: Department of Energy and Environmental Protection (DEEP)
79 Elm St., Hartford CT 06106
Phone (860) 424-3011



Connecticut Department of
Energy & Environmental Protection
Bureau of Natural Resources
Wildlife Division



Map



Natural Diversity Database Areas

- Natural Diversity Database Area

Critical Habitat Labels

Critical Habitat Communities

- Beachshore, B (Estuarine)
- Intertidal Marsh, IM (Estuarine)
- Acidic Atlantic White Cedar Swamp, AAWCS (Palustrine Forested)

Critical Habitat Communities (continued)

- Dry Acidic Forest, DAF (Terrestrial Forested)
- Dry Circumneutral Forest, DCF (Terrestrial Forested)
- Dry Subacidic Forest, DSF (Terrestrial Forested)
- Old Growth Forest, OGF (Terrestrial Forested)
- Subacidic Cold Talus

MA, NY, RI Town Line

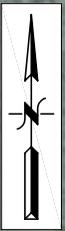
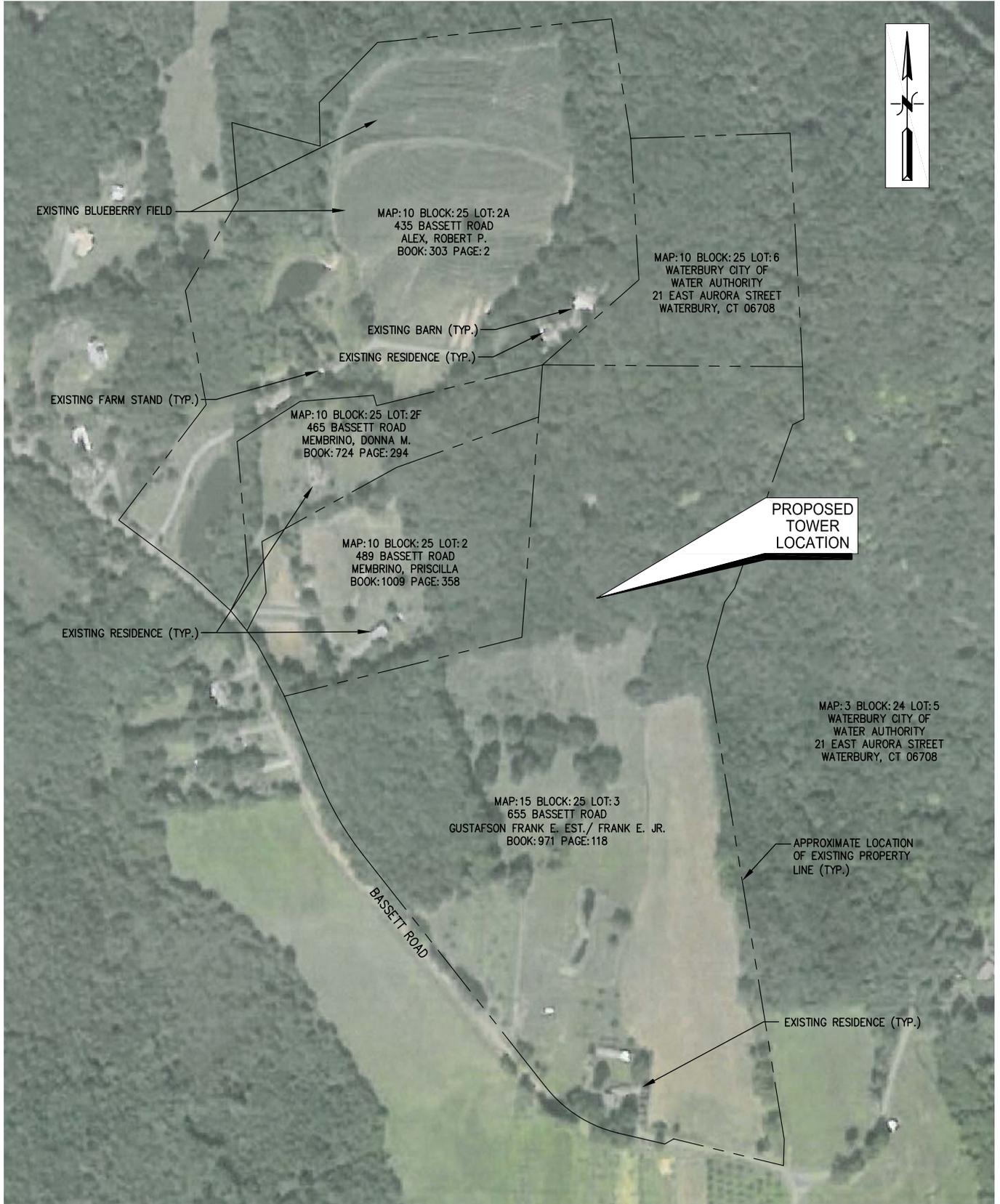
- State
- Town
- Shoreline

CT Town Name

MA, NY, RI Town Name

- State Line
- State

-  Acidic Red/Black Spruce Basin Swamp, AcR/BSS (Palustrine Forested)
-  Circumneutral Northern White Cedar Swamp, CirNWCS (Palustrine Forested)
-  Floodplain Forest, FF (Palustrine Forested)
-  Beachshore, B (Palustrine Non-forested)
-  Circumneutral Spring Fen, CirSF (Palustrine Non-forested)
-  Floodplain Forest - Alluvial Marsh, FF (Palustrine Non-forested)
-  Freshwater Aquatic- Coastal Plain Pond, FA (Palustrine Non-forested)
-  Medium Fen, MF (Palustrine Non-forested)
-  Poor Fen, PF (Palustrine Non-forested)
-  Rich Fen, RF (Palustrine Non-forested)
-  Sea Level Fen, SLF (Palustrine Non-forested)
-  Coastal Woodland/Shrubland, CWS (Terrestrial Forested)
-  Forest/Woodland, SubCTFW (Terrestrial Forested)
-  Acidic Rocky Summit Outcrop, AcRSO (Terrestrial Non-forested)
-  Alluvial Grassland/Outcrop, AllG/O (Terrestrial Non-forested)
-  Circumneutral Rocky Summit Outcrop, CirRSO (Terrestrial Non-forested)
-  Coastal Bluffs and Headlands, CBH (Terrestrial Non-forested)
-  Coastal Grassland, CG (Terrestrial Non-forested)
-  Sand Barren, SB (Terrestrial Non-forested)
-  Subacidic Rocky Summit Outcrop, SubRSO (Terrestrial Non-forested)
-  Coastline
-  Waterbody Line 6
-  Water
-  Dam
-  Waterbody Poly 6
-  Water
-  100 FT Contours
-  200 ft
-  100 ft
-  Route 5
-  Interstate
-  State Route
-  US Route
-  CT Town Line
-  State Boundary
-  State Boundary - LIS
-  Town Boundary
-  Coastline



SOURCE: GOOGLE EARTH
QUADRANGLE: Litchfield, Conn. & Thomaston, Conn.

Figure Number: ___ 1
Project Number: ___ 226-015
Scale: _____ N.T.S.
Date: _____ 12/09/2011

ABUTTERS MAP OVERLAY
PROPOSED CELLULAR TOWER
655 Bassett Road
Watertown, CT
Project Sponsor: North Atlantic Towers

infinigy
engineering

11 Herbert Drive
Latham, New York 12110
(518) 690-0790